

Louisiana Traffic Incident Management

November 17, 2021

Rachel Anderson

LA TMC Operations Manager



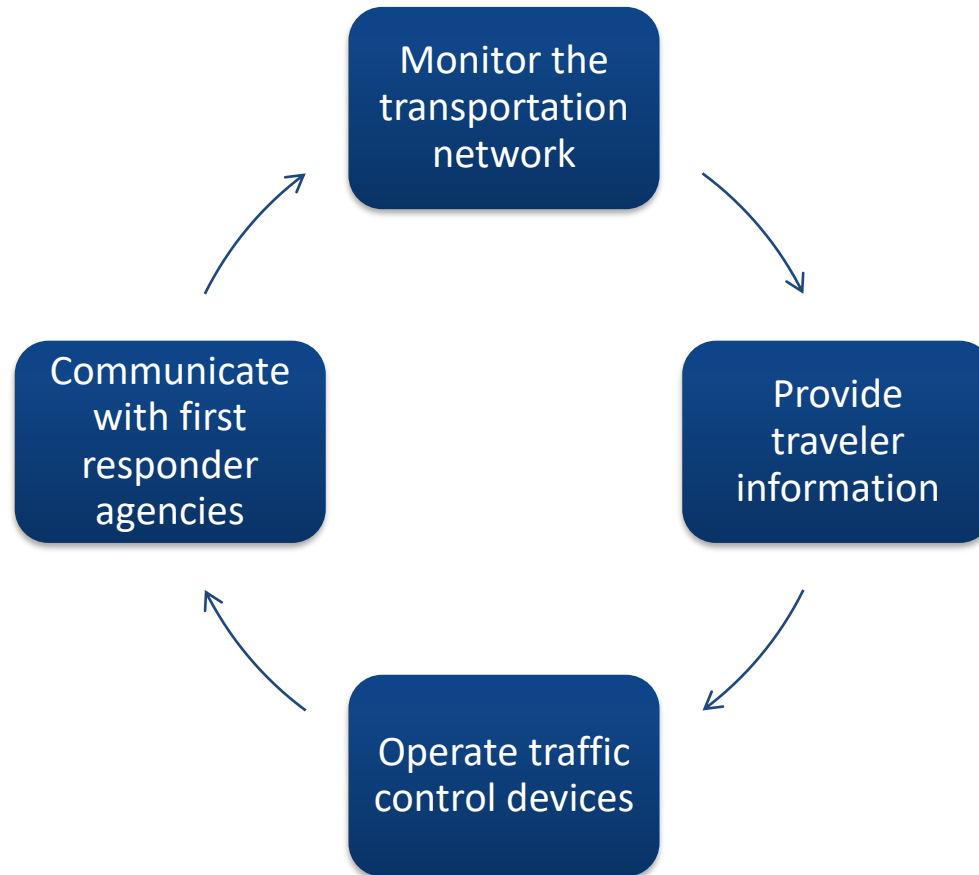
Louisiana DOTD Traffic Management Centers

- LA Statewide TMC
- Baton Rouge Regional TMC
- New Orleans TMC
- Houma TMC
- Shreveport TMC
- Lake Charles TMC





TMC Functions



TMC Operations “Information hub”

Inputs

CCTV

Agency Reports

Motorist Assist

Congestion Mapping

Incident Management Process

Analysis

CCTV Cameras

ATMS Software

Incident Management Process

Outputs

DMS

Twitter

511

Current ITS Equipment

DMS Statewide	105
Alexandria	4
Baton Rouge	25
Houma	1
Lafayette	7
Lake Charles	7
Monroe	4
New Orleans	27
North Shore	13
Shreveport	17

CCTV Statewide	457
Alexandria	20
Baton Rouge	163
Houma	13
Lafayette	30
Lake Charles	34
Monroe	24
New Orleans	98
North Shore	44
Shreveport	31

Why ITS?

The cost of an additional lane of pavement is

- over \$1,500,000 per mile

The average cost of the initial deployment of an ITS system was

- \$533,000 per mile

The average cost of additions to an ITS system is

- \$280,000 per mile

27%

reduction in rush-hour accidents

35%

increase in rush-hour speeds

18-22%

increase in highway capacity

30-50%

decrease in emergency response times

More efficient dispatching and routing of emergency vehicles

Breakdown of a TMC Incident

Traffic Management Resources

HERE Traffic
Waze
Google Maps
INRIX
Waycare
RITIS

TMC Operator locates incident on camera





Dispatch MAP



Contact Response Agencies

New Unconfirmed Event
? - X

< Mile Post:
FILTERS Select Event

Last Updated:
Status:
District:

<input checked="" type="radio"/> Unscheduled	<input type="radio"/> Scheduled	Type Incident	Sub-Type Accident
Severity Low	Source TMC Operator		
Agency Baton Rouge TMC	Description		

<div style="text-align: center;">West</div>	<input type="checkbox"/> Unknown Lanes <input type="checkbox"/> Rural Area <input type="checkbox"/> Intersection <input type="checkbox"/> Send to Website <input type="checkbox"/> Send Email <input type="checkbox"/> Send to 511
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Region Capital Are	District 61 - Baton
City Baton Rouge	Parish East Baton
Roadway Type Interstate	<input checked="" type="radio"/> Route <input type="radio"/> Street
Roadway Name I-10	
Direction West	Relation
< Cross St Exit 157B: LA 427; South A >	
State/Prov LA	Mile Post 157.665
Lat 30.424137	Lon -91.14944

Set Location:

Draw

Find CCTVs

Create	Confirm	Dispatched	On Scene	Road Cleared	Incident Cleared	Queue Cleared	Terminate
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AVL	CCTV	DMS	EVENT	RMS	TTPATHS	VDS
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BR-DMS-005 : I-10 W at at Bluebonnet

Mile Post: 161.59

Filters Select DMS

Last Poll: 2021-11-16 09:07 Status: ERRORS District: 61 - Baton Rouge

SEAT BELTS
VACCINATIONS
BOTH SAVE LIVES

ACCIDENT
I-10W AT ACADIAN
LEFT LANE BLOCKED

Poll Brightness Blank

Override

- HighImpact
- Manual-High Priority
- MediumImpact
- Manual-Medium Priority
- LowImpact
- Manual-Low Priority
- PSA-High Priority

SEAT BELTS
VACCINATIONS
BOTH SAVE LIVES
2021-08-29 21:03

TravelTimes

I-10W TO ACADIAN
4 MILES
5-7 MIN
2021-11-16 09:26 - 2021-11-16 09:28

Clear Queue Sync Queue

Phase 1 Phase 2

-Default-

ACCIDENT
I-10W AT ACADIAN
LEFT LANE BLOCKED

On 3 sec Off 0 sec

Priority Override Position 1 Beacons

Schedule End Time

Start Date 11/16/2021 Start Time 09:26

End Date 11/16/2021 End Time 10:26

Cancel Remove Send

AVL CCTV DMS EVENT RMS TTPATHS VDS

Text Size **A A A** [Text Only](#) Future Info: **31**

Menu

[Personalize your 511](#)

All Reports

[Cameras](#)

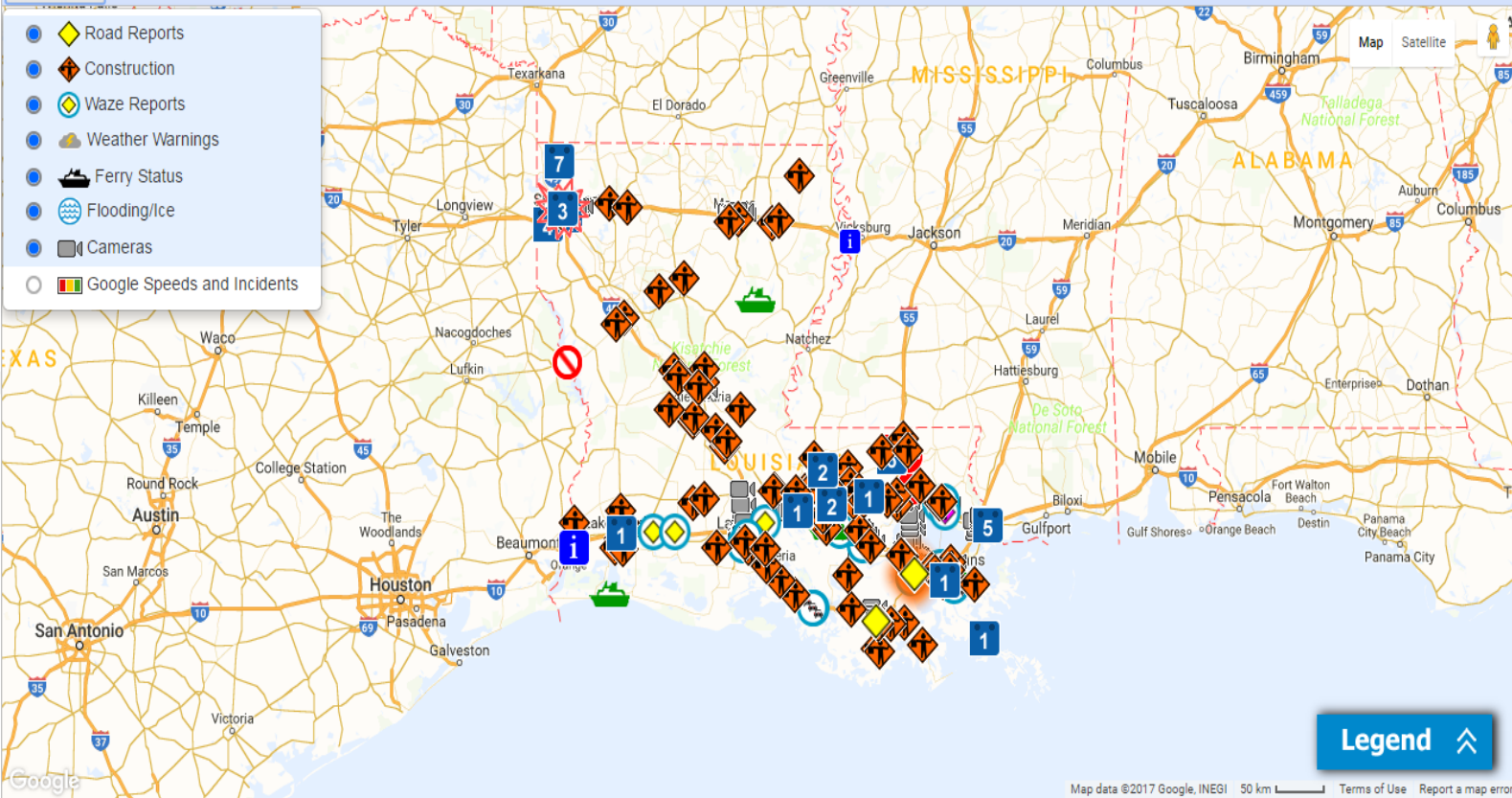
[Google Speeds and Incidents](#)

[Ferry Status](#)


Layers

- Road Reports
- Construction
- Waze Reports
- Weather Warnings
- Ferry Status
- Flooding/Ice
- Cameras
- Google Speeds and Incidents

Road Reports, Construction, Waze Reports, Weather Warnings, Ferry Status, Flooding/Ice, Cameras



Legend 

Map data ©2017 Google, INEGI 50 km  [Terms of Use](#) [Report a map error](#)

Louisiana 511 Website

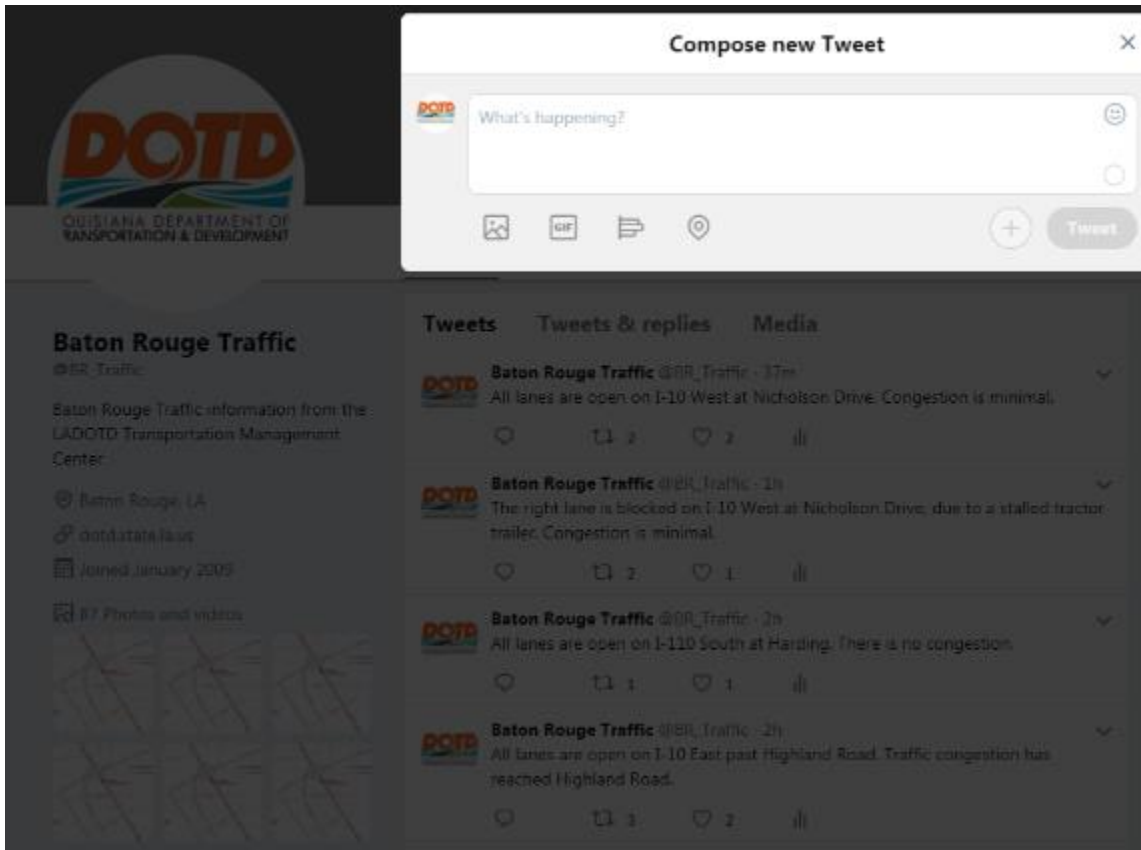
<http://511la.org/>

Louisiana 511 Mobile App

- iPhone and Android versions
- Download from App Store
- Same information as 511 website and phone



Post to Twitter



Accounts:

[@BR_Traffic](#)
[@NOLA_Traffic](#)
[@NS_Traffic](#)
[@Houma_Traffic](#)
[@Laf_Traffic](#)
[@LC_Traffic](#)
[@Alex_Traffic](#)
[@Monroe_Traffic](#)
[@Shreveport_Traf](#)



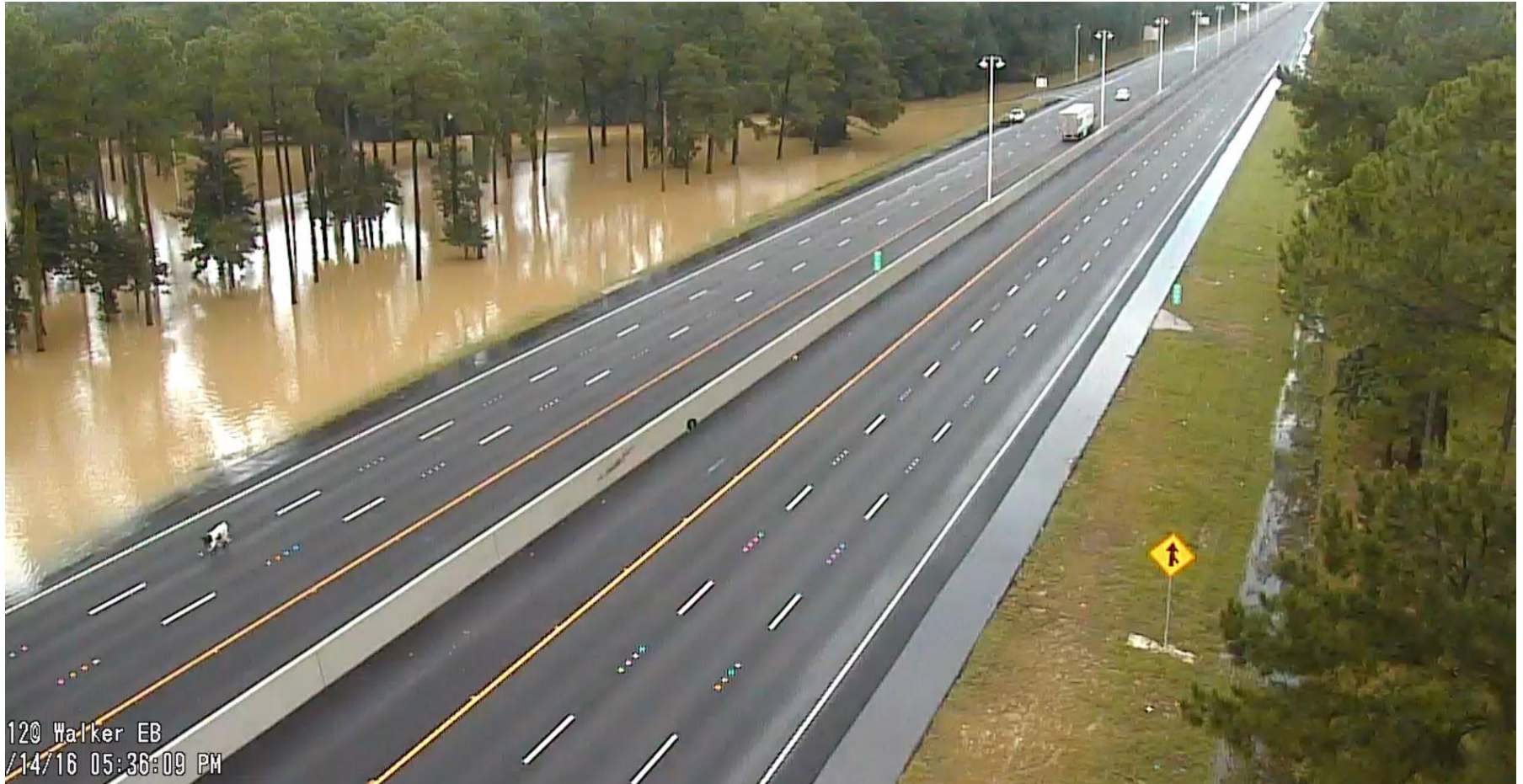
Weather Events



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



I-12 at LA 447 (Walker)



120 Walker EB
7/14/16 05:36:09 PM

I-10 between Highland and LA 73

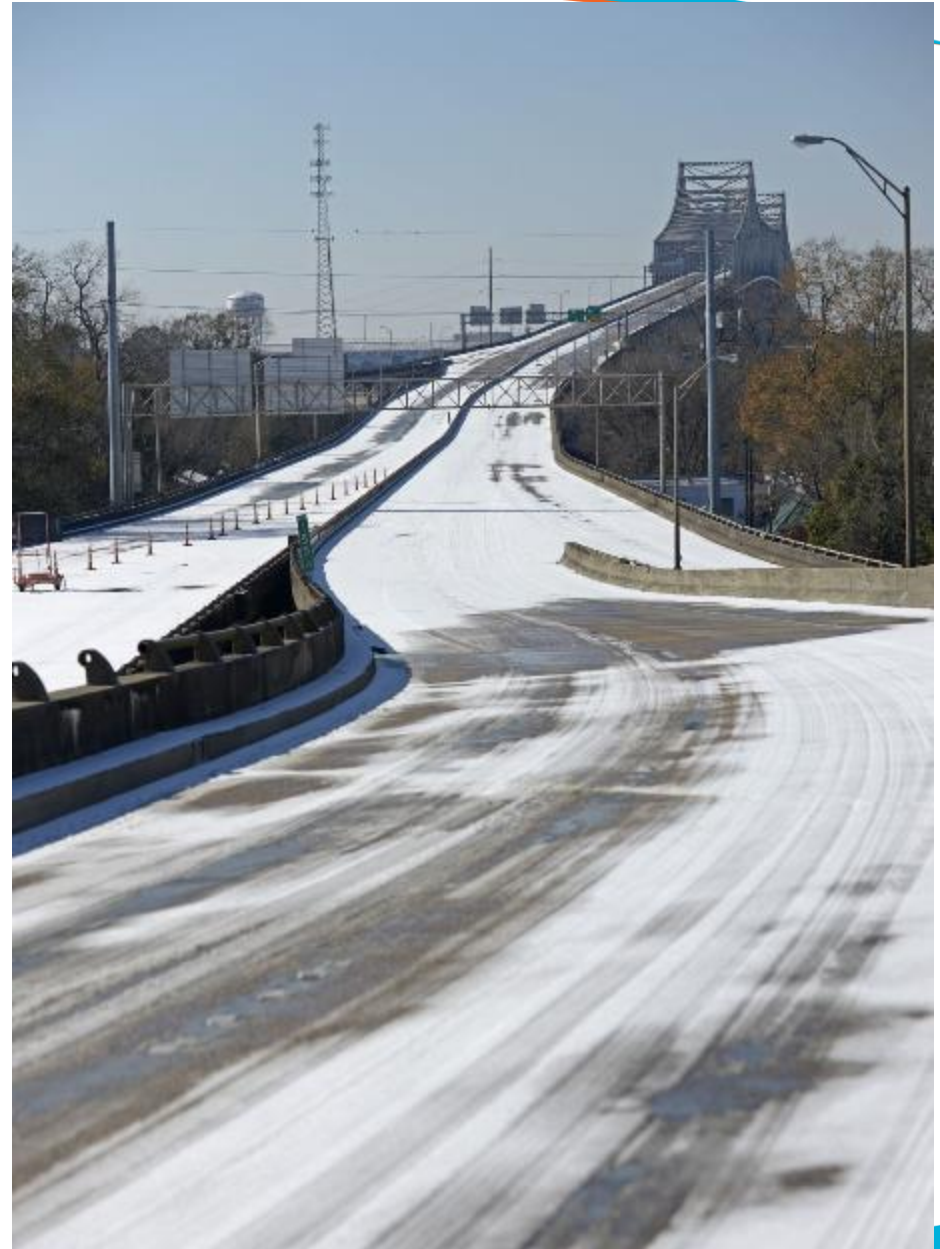


Major Challenges of Weather Events:

- Getting accurate, timely, VETTED information about closures and openings with correct locations
- TMC Operations staff being affected or displaced by the weather
- Having to change policies on-the-fly
- Equipment malfunctions









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